

CLAIM AMENDMENTS

1. (canceled)

2. (currently amended) DNAzymes according to claim 1
characterized in that they comprise A DNAzyme which binds to
GATA-3 mRNA and functionally inactivates it, which comprises:

- a catalytic domain with the nucleotide sequence
GGCTAGCTA CA AC GA or a modified sequence with comparable biological effect, which cleaves the GATA-3 mRNA at every purine:pyrimidine binding site to which it is bonded,

- a right substrate binding domain adjoining the 3' end of the catalytic domain and

- a left substrate binding domain adjoining the 5' end of the catalytic domain, both substrate binding domains being respectively complementary to two regions of the GATA 3 mRNA so that they hybridize with the mRNA, and

- [[are]] which is active in vivo.

3. (currently amended) DNAzymes A DNAzyme according to claim 2, characterized in that they comprise which comprises the sequence hgd 40 GTGGATGGA GGCTAGCTACAAACGA GTCCTTGGAG.

1 4. (currently amended) DNAzymes A DNAzyme according to
2 claim 2 the claims 2 and 3, characterized in that they cleave which
3 cleaves the catalytic domain of the GATA-3 mRNA at every purine:
4 uracil binding site.

1 5. (currently amended) DNAzymes A DNAzyme according to
2 claim 2 claims 2 to 4, characterized in that they are which is
3 stabilized against decomposition within the organism by [[the]]
4 introduction of a 3'-3' inversion.

1 6. (currently amended) DNAzymes A DNAzyme according to
2 claim 2 claims 2 to 5, characterized in that they are which is
3 stabilized against decomposition within the organism by [[the]]
4 introduction of modified nucleotides or nucleotide compounds.

1 7. (currently amended) DNAzymes A DNAzyme according to
2 claim 2 claims 2 to 6, characterized in that they present as
3 modification which includes an inverse thymidine on the 3' end
4 and/or a FAM label on the 5' end.

1 8. (currently amended) Medicament A medicament contain-
2 ing a DNAzyme according to the claims 2 to 7 claim 2 and a pharma-
3 ceutically acceptable carrier.

Claims 9 through 16 (canceled).